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Intelligent Transport Systems in the Smart City

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Transportation is a key component in any urban sustainability ambition, and it is known to be one of the urban systems that is most difficult to change, because it involves deep daily habits in a system that is usually too complex to understand for people and to manage optimally by operators and managers. The Intelligent Transport Systems (ITS) group in DTU Transport is a new initiative, dedicated to study how new data types and methodologies from Computer Science and Transport can be put together to develop solutions that are more intelligent in treating transport system problems and support a paradigm shift towards a more sustainable mobility.

In this presentation, I will show earlier projects in Boston, Singapore and Copenhagen, and discuss how the new ITS initiative will develop in the next few years.